



Disposal: P501 - Dispose of contents/container to an approved waste disposal plant.

Other Hazards: None known.

Unknown Acute Toxicity: None known

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### Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

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Chemical Name	CAS Number	Weight %
Ethoxylated linear alcohol	68439-46-3	0.50-0.90
Walnut shells	N/A	3.00-6.00

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### Section 4. FIRST AID MEASURES

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First Aid Measures:

Eye Contact Not expected to present any hazard.

Skin Contact Not expected to present any hazard. .

Inhalation Not expected to present any hazard.

Ingestion Not expected to present any hazard..

Most Important Symptoms and effects:

Symptoms Direct contact with eyes may cause temporary irritation.

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### Section 5. FIRE-FIGHTING MEASURES

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Suitable Extinguishing Media: Not applicable.

Unsuitable Extinguishing Media: Not applicable.

Specific Hazards Arising from the Chemical:

Noxious fumes may be generated at temperatures exceeding 700F (371C).

Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus and other protective clothing. (approved or equivalent) and full protective gear.

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## **Section 6. ACCIDENTAL RELEASE MEASURES**

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Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions: Not applicable.

Methods and Material for Containment and Cleaning Up:

Methods for Containment: Not applicable.

Methods for Clean-Up: Not applicable.

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## **Section 7. HANDLING AND STORAGE**

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Precautions for Safe Handling:

Advice on Safe Handling: Avoid prolonged or repeated skin contact. .

Conditions for Safe Storage, including

Any Incompatibilities: Not applicable.

Storage Conditions: Not applicable.  
KEEP OUT OF REACH OF CHILDREN.

Incompatible Materials: None known based on information supplied.

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## **Section 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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Exposure Guidelines: No exposure limits noted for ingredient(s)

Appropriate Engineering Controls:

Engineering Controls: Not applicable.

Individual Protection Measures, such as  
Personal Protective Equipment:

Eye/Face Protection:	Avoid contact with eyes. Not applicable.
Skin and Body Protection:	Not applicable. Not an expected route of exposure.
Respiratory Protection:	Ensure adequate ventilation, especially in confined areas.
General Hygiene Considerations:	Handle in accordance with good industrial hygiene and safety practice. Wash exposed areas thoroughly before eating, drinking, smoking or leaving work area. Launder contaminated clothing before reusing.

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## **Section 9. PHYSICAL AND CHEMICAL PROPERTIES**

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Information on Basic Physical and Chemical Properties

Physical State:	Liquid.	Odor:	Mild citrus.
Appearance:	White.	Odor Threshold:	Not available.
Color:	Brown specs.		

<u>Property</u>	<u>Values</u>
pH	7.50
Melting Point/Freezing Point	N/A.
Boiling Point/Boiling Range	N/A
Flash Point	N/A..
Evaporation Rate	N/A.
Flammability (Solid, Gas)	N/A.
Upper Flammability Limit	N/A..
Lower Flammability Limit	N/A.
Vapor Pressure	N/A.
Vapor Density	N/A.
Specific Gravity	N/A.
Water Solubility	Dispersible.
Solubility in other Solvents	N/A.
Partition Coefficient (n-octanol/water)	Not determined.
Auto-ignition Temperature	N/A.
Decomposition Temperature	N/A.
Kinematic Viscosity	N/A.
Explosive Properties	N/A.
Oxidizing Properties	N/A.

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## Section 10. STABILITY AND REACTIVITY

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<u>Reactivity:</u>	Not reactive under normal conditions.
<u>Chemical Stability:</u>	Stable.
<u>Possibility of Hazardous Reactions:</u>	None under normal processing.
<u>Conditions to Avoid:</u>	Keep out of reach of children.
<u>Incompatible Materials:</u>	None known.
<u>Hazardous Decomposition Products:</u>	Under recommended usage conditions, hazardous decomposition products are not expected.

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## Section 11. TOXICOLOGICAL INFORMATION

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Information on Likely Routes of Exposure:

Eye Contact:	Not applicable.
Skin Contact:	Avoid prolonged skin contact..
Inhalation:	Not considered to be an inhalation hazard.
Ingestion:	Do not taste or swallow.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethoxylated linear alcohol (CAS 68439-46-3 )	1378 mg/kg (Rat)	>2g/kg (Rabbit)	N/D
Walnut shells	Not applicable	Not applicable	Not applicable

Information on physical, chemical and toxicological effects:

Symptoms: Please section 4 of this SDS for symptoms.

Delayed and Immediate Effects as Well as Chronic Effects From Short and Long Term Exposure:

Sensitization: Not applicable.

Carcinogenicity: Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethoxylated linear alcohol (CAS68439-46-3)	Not classifiable as a carcinogen.	Not classifiable as a carcinogen.	No Data	No Data

**Legend**

IARC (International Agency for Research on Cancer).

Group3 IARC components are "not classifiable as human carcinogens".

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical Measures of Toxicity:

Not Determined.

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## Section 12. ECOLOGICAL INFORMATION

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Ecotoxicity:

No Data..

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Walnut shells	N/A	N/A	N/A	N/D
Ethoxylated linear alcohol (CAS 68439-46-3)	ErC50 (96 h) 1-10 mg/L	LC50 (96 h) 8.5mg/L Fathead minnow. EC50 (48 h) 5.3 mg/L Daphnia magna.		

Persistence/Degradability: Not determined.Bioaccumulation: Not determined.Mobility: Not determined.Other Adverse Effects: Not determined.

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### **Section 13. DISPOSAL CONSIDERATIONS**

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Waste Treatment Method:

Disposal of Wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging: Disposal should be in accordance with applicable regional, national and local laws and regulations.

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### **Section 14. TRANSPORT INFORMATION**

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DOT: Not Regulated

PROPER SHIPPING NAME: N/A.

IDENTIFICATION NUMBER: N/A

IATA: Not regulated

IMDG: Not regulated..

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### **Section 15. REGULATORY INFORMATION**

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International Inventories: Not determined.

U.S. Federal Regulations: Not determined.

Petroleum oil  
SARA 313: N/A

TSCA Inventory: Complies.

U.S Right-to-Know Regulations: Not determined.

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**Section 16. OTHER INFORMATION**

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NFPA:	Health Hazards 1	Flammability 0	Instability 0	Special Hazards Not determined
HMIS	Health Hazards 1	Flammability 0	Instability 0	Special Hazards Not determined

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**DISCLAIMER:**

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End of Safety Data Sheet